



2+2 Degree Plan Checklist

Associate of Science in Business

BBA in MIS (App Development, Programmer Analyst)



College of the Ouachitas

Associate of Science in Business¹

Possible Prerequisites			Semester	Hours	Grade
ENGL	1023	Foundations of Reading and Writing		N/C	
ENGL	1103	Basic Writing		N/C	
MATH	1003	Basic Math		N/C	
MATH	1013	Basic Algebra		N/C	
MATH	1023	Intermediate Algebra		N/C	
READ	1013	Academic Reading		N/C	

General Education Requirements (38 credit hours)

English/Communication (9 credit hours)			UCA ²	Semester	Hours	Grade
ENGL	1113	Composition I	WRTG 1310		3	
ENGL	1213	Composition II	WRTG 1320		3	
COMM	2113	Oral Communication	COMM 1300		3	

Mathematics (6 credit hours)			UCA	Semester	Hours	Grade
MATH	1143	College Algebra	MATH 1390		3	
MATH	2163	Business Calculus	MATH 1395		3	

Lab Sciences (8 credit hours) ¹			UCA	Semester	Hours	Grade
BIOL	1124	Introduction to Biology	BIOL 1400		4	
PHYC	1134	Introduction to Physical Science	PHYS 1400		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
HUMN	2113	Humanities: Art or	ART 2300		3	
HUMN	2123	Humanities: Music or	MUS 2300			
HUMN	2133	Humanities: Theatre	THEA 2300			
ENGL	2213	World Literature I or	ENGL 2305		3	
ENGL	2223	World Literature II	ENGL 2306			

Social Sciences (9 credit hours)			UCA	Semester	Hours	Grade
HIST	2113	U.S. History through 1865 or	HIST 2301		3	
HIST	2123	U.S. History since 1865 or	HIST 2302			
GOVT	2113	American National Government	PSCI 1330			
HIST	1113	Civilization through 16 th Century or	HIST 1310		3	
HIST	1123	Civilization since 16 th Century	HIST 1320			
PSYC	1113	General Psychology or	PSYC 1300		3	
SOCI	1113	Introduction to Sociology	SOC 1300			

Business Foundation (24 credit hours)

			UCA	Semester	Hours	Grade
ACTG	1113	Principles of Accounting I	ACCT 2310		3	
ACTG	1203	Principles of Accounting II	ACCT 2311		3	
BOIS	2203	Legal Environment	ACCT 2321		3	
GBUS	2023	Business Statistics	QMTH 2330		3	
DATA	1123	Fundamentals of Information Technology	CSCI 1300		3	
ECON	2113	Principles of Macroeconomics	ECON 2320		3	
ECON	2213	Principles of Microeconomics	ECON 2321		3	
BOIS	2303	Business Communications	MGMT 2301		3	

Total Hours: 62³



2+2 Degree Plan Checklist
Associate of Science in Business
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University of Central Arkansas

Bachelor of Business Administration in Management Information Systems (Programmer Analyst Concentration)

UCA Courses (58 credit hours)⁴

Business Foundation (6 credit hours)			Semester	Hours	Grade
ECON	2310	Global Environment of Business		3	
MIS	2343	Desktop Support Technologies		3	

Business Core (18 credit hours)			Semester	Hours	Grade
FINA	3330	Managing Finance & Capital		3	
MGMT	3340	Managing People & Work		3	
MGMT	3344	Operations and Supply Chain Management		3	
MIS	3321	Managing Systems and Technology		3	
MKTG	3350	Principles of Marketing		3	
MGMT	4347	Managing Policy and Strategy		3	

MIS: Programmer Analyst Concentration (24 credit hours)			Semester	Hours	Grade
MIS	3328	Systems Analysis and Design		3	
MIS	3363	Telecommunications and Computer Networks		3	
MIS	3365	Database Applications		3	
MIS	3301	Choose one: COBOL I		3	
MIS	3335		Programming in Scripting Languages		
MIS	3339		Programming in Java I		
MIS	3362		Visual Basic		
MIS	4329	Database Management Systems		3	
MIS	3301	Choose one: ⁵ COBOL I		3	
MIS	3335		Programming in Scripting Languages		
MIS	3339		Programming in Java I		
MIS	3362		Visual Basic		
MIS	4339		Programming in Java II		
CSCI	1470		Computer Science I		
MIS / QMTH		MIS Major Course Elective		3	
MIS / QMTH		MIS Major Course Elective		3	

Electives (10 credit hours)			Semester	Hours	Grade
		Upper Division General Elective		3	
		General Electives		7	

Total Hours: 120⁶

¹ See your COTO advisor for degree and graduation information, including additional lab science options for this degree program.
² UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.
³ Students completing the AS in Business degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core requirements and will be admitted to the BBA in MIS (Application Development, Programmer Analyst Concentration) degree program as a junior.
⁴ For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.
⁵ If CSCI 1470 (4 credits) is selected from this category, only 9 Elective hours would be required to complete the BBA degree.
⁶ This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.